| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|---|--|---------------------|---------|------------------|
| L1 | 20688 | anode with (hole (hole near2 injecti\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 14:45 |
| L2 | 96702 | cathode with (electron (electron near2 injecti\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 14:45 |
| L3 | 4806 | light adj emissi\$2 adj2 (layer region) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 14:50 |
| L4 | 16385 | charge adj generati\$2 adj2 layer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 14:46 |
| L5 | 7 | 1 same 2 same 3 same 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 14:47 |
| L6 | 16 | 1 and 2 and 3 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 14:50 |
| L7 | 29549 | light adj (emitting emissi\$2) adj2 (layer region) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 14:50 |

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|-----|------|--|---|----|----|------------------|
| L8 | 48 | 1 and 2 and 7 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:26 |
| L9 | 32 | 8 not 6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 14:51 |
| L10 | 3 | ("3895944" "4471039" "5334714").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/04 14:59 |
| L11 | 2 | ("5585213").URPN. | USPAT | OR | ON | 2006/10/04 15:00 |
| L12 | 72 | 1 and 2 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:07 |
| L13 | 24 | 12 not 8 | US-PGPUB; ·USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:08 |
| L14 | 4427 | 1 and 2 and 7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:26 |
| L15 | 2943 | 1 same 2 same 7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:26 |

| L16 | 22352 | work adj function | US-PGPUB; | OR | ON | 2006/10/04 15:27 |
|-----|-------|----------------------------|--|----|----|------------------|
| | | · | USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | | | |
| L17 | 6472 | ionization near2 potential | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:27 |
| L18 | 397 | 15 and 16 and 17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:27 |
| L19 | 173 | 18 and @ay<="2002" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 16:25 |
| L20 | 139 | 19 and charge | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:42 |
| L21 | 27418 | charge adj2 generati\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:43 |
| L22 | 9475 | charge adj2 transporting | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:43 |

| L23 | 5235 | 21 with 22 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:43 |
|-----|------|--------------------------|--|----|----|------------------|
| L24 | 1 | 23 and 20 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 16:24 |
| L25 | 2601 | 1 and 2 and charge and 7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 16:54 |
| L26 | 1610 | 25 and 16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 16:25 |
| L27 | 371 | 25 and 16 and 17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 16:25 |
| L28 | 171 | 27 and @ay<="2002" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 16:25 |
| L29 | 2 | 28 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 16:25 |

| 1.20 | 40 | 1 and 2 and 4 and 7 | LIC DCDUD | OD | ON | 2006/10/04 16 51 |
|------|----|---|---|----|----|------------------|
| L30 | 48 | 1 and 2 and 4 and 7 | US-PGPUB; USPAT; JUSOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 16:54 |
| L31 | 11 | ("3121006" "3871882" "4265990" "4555463" "4587189" "4869988" "4946754" "5116703" "5352554" "5436099").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/04 17:04 |
| L32 | 1 | ("6596450").URPN. | USPAT | OR | ON | 2006/10/04 17:05 |
| L33 | 1 | ("5674597").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/04 17:05 |
| L34 | 27 | ("5674597").URPN. | USPAT | OR | ON | 2006/10/04 17:06 |
| L35 | 27 | ("5674597").URPN. | USPAT | OR | ON | 2006/10/04 17:19 |
| L36 | 6 | ("5968675").URPN. | USPAT | OR | ON | 2006/10/04 17:20 |
| L37 | 3 | ("4720432" "5061569" "5420288").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/04 17:20 |
| L38 | 10 | ("5681664").URPN. | USPAT | OR | ON | 2006/10/04 17:23 |
| L39 | 6 | 4 same 7 | USPAT | OR | ON | 2006/10/04 17:33 |
| L40 | 24 | 4 and 7 | USPAT | OR | ON | 2006/10/04 17:34 |